

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER 701067</b> <b>CLIENT REF. NO. 201548</b> <b>U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/594,864</b>
INTERNATIONAL APPLICATION NO. <b>PCT/JP2004/017125</b>	INTERNATIONAL FILING DATE <b>November 11, 2004 (11.11.04)</b>	PRIORITY DATE CLAIMED <b>March 30, 2004 (30.03.2004)</b>
<b>TITLE OF INVENTION</b> <b>PROCESS FOR PRODUCING MULTIPOTENTIAL STEM CELL ORIGINATING IN TESTOID CELL</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> <b>Shinohara et al.</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)).</li> <li>4. <input type="checkbox"/> The US has been elected (PCT Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 USC 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 USC 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has previously been submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 USC 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).</li> <li>11. Nucleotide and/or Amino Acid Sequence Submission             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:                     <ol style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper Copy</li> </ol> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ol> </li> </ol> <p><b>Items 12 to 20 below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>12. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.             <ol style="list-style-type: none"> <li><input type="checkbox"/> Form PTO-1449</li> <li><input type="checkbox"/> Copies of References (except for U.S. patents and applications)</li> </ol> </li> <li>13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>14. <input type="checkbox"/> A FIRST preliminary amendment.</li> <li>15. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>16. <input type="checkbox"/> A substitute specification.</li> <li>17. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>18. <input type="checkbox"/> Application Data Sheet Under 37 CFR 1.76</li> <li>19. <input type="checkbox"/> Return Receipt Postcard</li> <li>20. <input type="checkbox"/> Other items or information:</li> </ol>		

SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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The following fees are submitted:		CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/> Basic national fee .....		\$300	\$0.00
22. <input type="checkbox"/> Examination Fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....		\$ 0	\$0.00
All other situations .....		\$200	
23. <input type="checkbox"/> Search Fee USPTO was ISA .....		\$100	\$0.00
Search report provided to USPTO by other entity .....		\$400	
All other situations .....		\$500	
		<b>TOTAL OF 21, 22 AND 23 =</b>	<b>\$0.00</b>
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
- 100 =	/ 50 =		x \$250
<input checked="" type="checkbox"/> Surcharge of \$130 for furnishing the National fee or oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).		\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	- 20=		x \$ 50
Independent Claims	- 3 =		x \$200
<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>		+ \$360	
		<b>TOTAL OF ABOVE CALCULATIONS =</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.		\$ ( )	
		<b>SUBTOTAL=</b>	
<input type="checkbox"/> Processing fee of \$130 for furnishing English Translation later than 30 months from the earliest claimed priority date.		\$	
		<b>TOTAL NATIONAL FEE=</b>	
<input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property.		\$	
		<b>TOTAL FEES ENCLOSED=</b>	
		Amount to be: refunded	\$
		Amount to be: charged:	\$
a. <input type="checkbox"/> No fee is believed to be due.			
b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 12-1216 the total fee indicated above.			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1216.			
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.			
SEND ALL CORRESPONDENCE TO CUSTOMER NO. 23460:  23460		 John Kilyk, Jr., Registration No. 30,763 LEYDIG, VOIT & MAYER, LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Avenue Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)	
Date: November 30, 2006			

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)  
10/594,764

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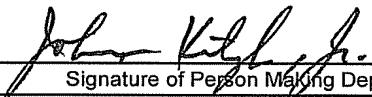
November 30, 2006

Date of Deposit

I hereby certify that this transmittal document with respect to the U.S. national phase of the above-referenced International Patent Application, including all of the items listed thereon as enclosures, is being submitted to the U.S. Patent and Trademark Office utilizing the USPTO Electronic Filing System (EFS-Web).

John Kilyk, Jr.

Typed or Printed Name of Person Making Deposit



Signature of Person Making Deposit